

Draft Agenda

Delta ISB Workshop: Water Supply Reliability Estimation for Delta Water Uses

January 10, 2019

Second Floor Conference Room
980 Ninth Street, Sacramento, CA 95814
9:00 am to 4:45 pm

Goal: To conduct a broad review of the methods and approaches to estimate water supply reliability and the organization of these estimation efforts within California; to identify issues and challenges; and to define potential future considerations for California's Delta water uses (see [prospectus](#) for more information).

Impetus: The Delta Independent Science Board (ISB) is legislatively mandated to review science activities in the Sacramento-San Joaquin Delta that supports adaptive management. Past reviews include [water quality](#) and [fish and flows research](#) in the Delta. The Delta ISB is now undertaking a review on water supply reliability estimation.

Workshop Check In/Registration: 8:30 am to 9:00 am

Due to the interactive nature of the workshop, pre-registration is encouraged (see [registration form](#)). Please register by January 4 to help with workshop planning.

Questionnaire: To help inform the workshop discussion, attendees should fill out the [pre-workshop questionnaire](#). It will be most useful to the Delta ISB if you complete the questionnaire by 5:30 pm on January 4. However, the Delta ISB will consider all responses received until January 25 for the review itself.

Morning, January 10:

- I. **9:00 am** Introduction and Objectives
- II. **9:15 am** Regulatory aspects and statutory expectations of water supply reliability estimation (Tina Cannon Leahy—State Water Resources Control Board)
- III. **9:35 am** Methods currently used by agencies and others to estimate water supply reliability
 - a. State and Federal Agencies:
 - i. California Department of Water Resources: Erik Reyes, Mohammad Rayej, Ajay Goyal, and John Leahigh
 - ii. United States Bureau of Reclamation: Jobaid Kabir
 - iii. State Water Resources Control Board: Scott Ligare
 - b. Water Utilities: Ben Bray (East Bay Municipal Utility District), Samantha Greene (Santa Clara Valley Water District), Jeff Quimby (Contra Costa Water District), Russ Freeman (Westlands Water District), and Jennifer Nevills (Metropolitan Water District of Southern California)
 - c. Consulting Firms: Walter Bourez (MBK), Andy Draper (Stantec), Chuck Young (SEI), and Sujoy Roy (Tetra Tech)
 - d. Academic Practice: Josue Medellin-Azuara (UC Merced) and Mustafa Dogan (UC Davis)
 - e. Environmental Considerations: John Cain (American Rivers) and Julie Zimmerman (The Nature Conservancy)
- IV. **12:20 pm** Working lunch with discussion of current methods

Over lunch, workshop participants in their assigned tables will discuss major issues and challenges identified in the presentations. Each table will be assigned a discussion leader and a Delta ISB member will join one of the discussion tables.

Afternoon, January 10:

- V. **1:15 pm** Summary of major issues and challenges identified during working lunch
The discussion leader (or the ISB member) for each table will briefly (<5 minutes) summarize the lunch discussion.
- VI. **1:50 pm** Plenary discussion of potential factors to add to modeling and estimation
Based on the workshop discussion and the [pre-workshop questionnaire](#), the Delta ISB moderator will share some of the key factors identified that should be added to the modeling and estimation efforts. The moderator will share each factor, briefly describe why it needs to be added, and ask the workshop participants if the factor should be added to their current modeling and estimation efforts.
- VII. **2:35 pm** Plenary discussion of priorities for research and technical work
The Delta ISB moderator will share some of the big science and technical research questions identified in the [pre-workshop questionnaire](#) responses (if any) and the workshop discussion. Afterwards, the moderator will ask the workshop participants on if there are big science and technical questions that need to be addressed that are not on the initial list and to identify which questions are of the highest priority.
- VIII. **3:00 pm** Break
- IX. **3:15 pm** Plenary discussion of potential institutional collaborations, analysis expectations, and value of standards
- X. **3:45 pm** Concluding panel discussion of directions to improve analyses
Panelists include Allison Febbo (State Water Contractors), Julie Zimmerman (The Nature Conservancy), Tara Smith (California Department of Water Resources), Rob Tull (Jacobs Engineering) and others (TBD). Panelists will share their key take home messages from the workshop and/or present ideas for directions to improve analyses.
- XI. **4:45 pm** Adjourn